



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5530-1

Job Sheet 188607



Part No: D5530-1

Job Qty: 15 pcs

Part Name: 37° Flared Tube Fitting



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/11/19

Job Tracking No:

Due Date: 1/18/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV A IPP REV:A 17.04.25 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	15 pcs	1/18/19	1/18/19	0.00	0.00	Purchasing - 1	JAN 16 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	15 pcs	1/18/19	1/18/19	0.00	0.00	Packaging 2 - 1 - B4B	JAN 16 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Container No: S145154



Part: D5530-1

Job No: 188607

Serial No/Batch: S145154

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 01/16/19

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S156858



Part: D5530-1

Job No: 188607

Serial No/Batch: S156858

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 02/26/19

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

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					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	DAS
120	QC 6	15 pcs	1/18/19	0.00 0.00	QC 6 - 38	38
					QC 6 - 42	9-88
					QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
123	HAAS 4 Axis - B4B	15 pcs	1/18/19	0.00 4.40	HAAS - 1 - B4B	sf 19-02-24
					HAAS - 2 - B4B	
					HAAS - 3 - B4B	
					HAAS - 4 - B4B	
126	QC 2	15 pcs	1/18/19	0.00 0.00	QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	sf 19-02-24
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 38	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 54	
					QC 2 - 56	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	
					QC 2 - 8	
128	QC 8	15 pcs	1/18/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 38	
					QC 8 - 39	
					QC 8 - 4	
				</		

				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	B-a 19-02-26
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
130	Packaging 3-1 - Stock - B4B	15 pcs	1/18/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
140	QC 21 - SA	15 pcs	1/18/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70

Part Op 110 - Receive & Inspect for Damage & Mat'l Certs
 Descriptions: 120 - QC6- All purchased or subcontracted products
 123 - (HAAS CNC Vertical Machine)
 126 - QC2- Inspect parts off machine FAI/FAIB
 128 - QC8- Inspect parts - second check
 130 - Identify as per dwg & Stock Location: _____
 140 - QC21- Final Inspection - Work Order Release

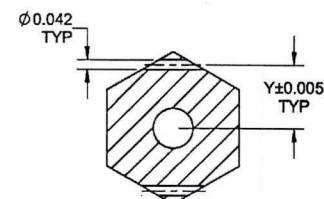
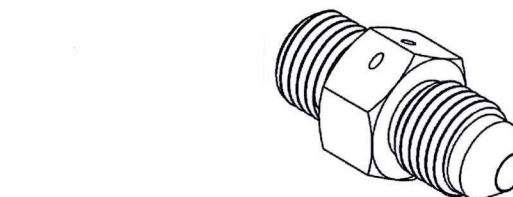
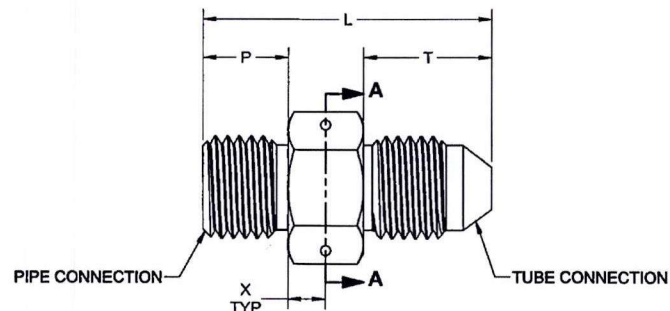
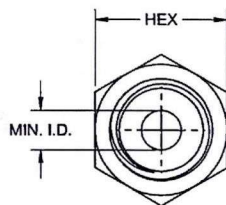
Job BOM

Part / Item	Component Name	Quantity	Operation	Container
50715K676	Flared Tube Fitting SS D5530-1	15 Ea (1 ea)	100-Purchasing	5145151

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	50715K676	15	0	0
Part Specifications				
Specifications could not be found.				

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SPECIFICATION CONTROL DRAWING



SECTION A-A

D5530-X ADAPTER, FLARED TUBE FITTING

DART PN	DESCRIPTION	TUBE O.D.	TUBE CONNECTION	PIPE CONNECTION	HEX	MIN I.D.	L	P	T	X	Y	VENDOR	VENDOR PN	MATERIAL	WEIGHT
D5530-1	37 DEGREE FLARED TUBE FITTING	1/4	37° FLARED, 7/16-20 UNF	7/16-20 UNF	9/16	0.17	1.23	0.36	0.55	0.160	0.269	MCMaster-CARR	50715K676	316 S.S.	0.01 LBS

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: SEE TABLE
- 8) ADD LOCKWIRE HOLES PER SECTION A-A

RELEASED
2017-05-16
EEN 17-511

APPROVED

A	NEW ISSUE	WK	17.03.29
REV.	DESCRIPTION	BY	DATE
DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	WK		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	LL	D5530	SHEET 1 OF 1
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	ADAPTER, FLARED TUBE	NTS
DATE	17.03.29	COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042243



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO042243

PO Date: 1/11/19

Due Date: 1/16/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
JAN 14 2019

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		30125T403	1/pk	Turn Buckle Body	Firmed	-	1/16/19	8 pcs	0 pcs	8 pcs	\$1.95/pcs	\$15.60
						8 x	JAN 16 2019					
2	188607	50715K676		Flared Tube Fitting SS D5530-1 receive ea	Firmed	-	1/16/19	15 pcs	0 pcs	15 pcs	\$8.27/pcs	\$124.05
						15 x	JAN 16 2019					
3	188598	50715K832	50715K832	37° Flared Tube Fitting, SS D5370-1	Firmed	-	1/16/19	40 Ea	0 Ea	40 Ea	\$10.05/Ea	\$402.00
4		51495K116	1/pk	COUPLING 1/2" NCKL PLTD BRASS	Firmed	-	1/16/19	12 Ea	0 Ea	12 Ea	\$7.78/Ea	\$93.36
						12 x	JAN 16 2019					
5	188606	6541K38		Ear Clamp D5529-1 receive pcs	Firmed	-	1/16/19	50 Ea	0 Ea	50 Ea	\$0.38/Ea	\$19.00
						50 x	JAN 16 2019					
6		91030A031	1/pk	Flange Hex Nut	Firmed	-	1/16/19	40 Ea	0 Ea	40 Ea	\$2.28/Ea	\$91.20
						40 x	JAN 16 2019					
7	188605	6519T14		Tubing D5528-1 : AS PER DWG D5528 REV. A PCS OF 10 FT LONG REQUIRED	Firmed	-	1/16/19	50 Ea	0 Ea	50 Ea	\$4.82/Ea	\$241.00
						50 x	JAN 16 2019					
8		9464K17	100/pk	O-Ring, Ø1/16 X 0.364 I.D.	Firmed	-	1/16/19	100 Ea	0 Ea	100 Ea	\$0.0723/Ea	\$7.23
						100 x	JAN 16 2019					

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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042243



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9		94975A162	1/pk	Quick Release Pin Quick Release Pin W/Lanyard	Firmed	-	1/16/19	12 Ea	0 Ea	12 Ea	\$4.49/Ea	\$53.88
							5X JAN 16 2019					
10		97524A032	100/pk	Sealing Blind Rivet	Firmed	-	1/16/19	300 Ea	0 Ea	300 Ea	\$0.0982/Ea	\$29.46
							300 X JAN 16 2019					
11		188609 59915K274		Rod End Bearing D4777-1 AS PER DWG D4777 REV. A	Firmed	-	1/16/19	10 pcs	0 pcs	10 pcs	\$19.05/pcs	\$190.50
							10 X JAN 16 2019					
12		188610 6718K52		Fitting, Quick Disconnect D4182-1 AS PER DWG D4182 REV. B	Firmed	-	1/16/19	10 pcs	0 pcs	10 pcs	\$5.64/pcs	\$56.40
							10 X JAN 16 2019					

Grand Total: \$1,323.68

Order Notes

Procurement Quality Clauses
 A005 RIGHT OF ENTRY
 A016 PERSONNEL QUALIFICATION
 A026 CERTIFICATION OF MATERIAL CONFORMANCE
 A032 DOCUMENT SPECIAL REQUIREMENTS
 A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
 A040 NOTIFICATION OF QUALITY ESCAPE
 A041 QUALITY MANAGEMENT SYSTEM
 A042 DART NOTIFICATION BY SUPPLIER
 A043 RETENTION OF QUALITY DOCUMENTS
 A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
 A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042243

Order Placed By
Chantal Lavoie

McMaster-Carr Number
6409460-02

Page 1 of 1

01/14/2019

Packing List

Line	Product	Ordered	Shipped
1	30125T403 Closed-Body Turnbuckle--Not for Lifting, Hook-to-Hook, 90 lbs. Capacity, 5-1/2" Retracted Length	8 Each	8 ✓
2	50715K831 37 Degree Flared Fitting for Stainless Steel Tubing, Straight Adapter for 1/4" Tube OD, 7/16"-20 UNF Male, Deg F This Replaces 50715K676 Temp Range Is -15 To 400	15 Each	15 ✓
3	50715K832 37 Degree Flared Fitting for Stainless Steel Tubing, Straight Adapter for 3/8" Tube OD, 9/16"-18 UNF Male	40 Each	20 ✓
4	51495K116 Nickel-Plated Brass Push-to-Connect Tube Fitting for Air, Straight Connector, for 1/2" Tube OD	12 Each	12 ✓
5	6541K38 Vibration-Resistant Zinc-Plated Steel Double Pinch Clamps, 31/64" to 19/32" ID, for Firm Hose and Tube, Packs of 25	2 Packs	2 ✓
6	91030A031 Low-Strength Steel Flange Nut, Black-Oxide, 3/8"-16 Thread Size	40 Each	40 ✓
7	6519T14 Ultra-Chemical-Resistant Versilon PVC Tubing, 3/8" ID, 9/16" OD, 10 Feet Long	50 Feet	50 ✓
8	9464K17 Chemical-Resistant Viton Fluoroelastomer O-Ring, 1/16 Fractional Width, Dash-Number 012, Packs of 100	1 Pack	1 ✓
9	94975A162 18-8 Stainless Steel Ring-Grip Quick-Release Pin with Lanyard, 1/4" Diameter, 1-5/16" Usable Length	12 Each	5 ✓
10	97524A032 Sealing Blind Rivets, Aluminum, Domed Head, with Aluminum Mandrel, 1/8" Diameter, 0.425" Long, Packs of 100	3 Packs	3 297
11	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	10 Each	10 ✓
12	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	10 Each	10 ✓

Shipped separately from our New Jersey warehouse on 01/14

3	50715K832 37 Degree Flared Fitting for Stainless Steel Tubing, Straight Adapter for 3/8" Tube OD, 9/16"-18 UNF Male	40 Each	20
9	94975A162 18-8 Stainless Steel Ring-Grip Quick-Release Pin with Lanyard, 1/4" Diameter, 1-5/16" Usable Length	12 Each	6

Expected to ship

9	94975A162 18-8 Stainless Steel Ring-Grip Quick-Release Pin with Lanyard, 1/4" Diameter, 1-5/16" Usable Length	12 Each	1 Jan 22-24
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